

# **EXHIBIT V**

IN THE UNITED STATES DISTRICT COURT  
FOR THE NORTHERN DISTRICT OF OHIO  
EASTERN DIVISION

IN RE NATIONAL	:	MDL No. 2804
PRESCRIPTION OPIATE	:	CASE NO. 17-MD-2804
LITIGATION	:	(DAP)
	:	

EXPERT REPORT OF CRAIG J. MCCANN, PH.D., CFA  
March 25, 2019

## **I. Qualifications and Remuneration**

### **A. Qualifications**

1. I am the President of Securities Litigation and Consulting Group, Inc. (“SLCG”). SLCG was founded in 2000 to apply finance, economics, statistics and mathematics in litigation and consulting. SLCG staff includes professionals with PhDs and advanced degrees in applied mathematics, statistics, finance and economics.

2. Prior to founding SLCG, I was a Director at LECG, a business unit of Navigant Consulting, Inc. Prior to joining LECG, I was Managing Director, Securities Litigation at KPMG LLP for two years. I was a senior financial economist in the Office of Economic Analysis at the U.S. Securities and Exchange Commission (the “SEC”) from 1992 to 1993 and from 1994 to 1995.

3. I have taught graduate economics and finance courses at the University of South Carolina, Virginia Tech, Georgetown University and at the University of Maryland, College Park.

4. I have been hired as a consultant and expert witness in investigations by many state and federal agencies including the SEC, the Federal Deposit Insurance Corporation and the U.S. Department of Justice.

5. My work as a consultant and expert witness over the past 25 years has required me to extract or receive data, process and validate the data and produce varied statistical analyses.

6. I earned a Ph.D. in Economics from the University of California, at Los Angeles. My graduate studies included extensive coursework in mathematics, statistics and econometrics.

7. My resume, which includes a list of all publications authored by me within the last 10 years and the cases in which I have testified as an expert at trial or by deposition within the last four years, is attached as Appendix 1.

### **B. Remuneration**

8. SLCG is being compensated for its time and expenses. My hourly rate is \$475 per hour. Other SLCG personnel working on this matter have billing rates of \$100 to \$350 per hour.

## **II. Materials Reviewed**

9. In preparing this report, I have considered the following documents:

- a. Automation of Reports and Consolidated Orders System (ARCOS) electronic data, received from the Drug Enforcement Administration (hereafter, “ARCOS Data”);
- b. “ARCOS Retail Drug Summary Reports,” Drug Enforcement Administration, 2000-2017, (available at [www.deadiversion.usdoj.gov/arcos/retail\\_drug\\_summary/index.html](http://www.deadiversion.usdoj.gov/arcos/retail_drug_summary/index.html));
- c. “National Drug Code Dictionary,” Drug Enforcement Administration, November 2018 (current version available at [www.deadiversion.usdoj.gov/arcos/ndc/ndcfile.txt](http://www.deadiversion.usdoj.gov/arcos/ndc/ndcfile.txt));

- d. “NDC Dictionary Instructions,” Drug Enforcement Administration, October 2010 (current version available at [www.deadiversion.usdoj.gov/arcos/ndc/readme.txt](http://www.deadiversion.usdoj.gov/arcos/ndc/readme.txt));
- e. “NDC/NHRIC Labeler Codes,” U.S. Food & Drug Administration, January 2018 (current version available at [www.fda.gov/ForIndustry/DataStandards/StructuredProductLabeling/ucm191017.htm](http://www.fda.gov/ForIndustry/DataStandards/StructuredProductLabeling/ucm191017.htm));
- f. “Opioid Oral Morphine Milligram Equivalent (MME) Conversion Factors,” Centers for Disease Control and Prevention, August 2017 (current version available at [www.cdc.gov/drugoverdose/resources/data.html](http://www.cdc.gov/drugoverdose/resources/data.html));
- g. “Full Replacement Monthly NPI File,” Centers for Medicare and Medicaid Services, November 2018 (current version available at [download.cms.gov/nppes/NPI\\_Files.html](http://download.cms.gov/nppes/NPI_Files.html));
- h. ARCOS Registrant Handbook, Drug Enforcement Administration, August 1997 (current version available at [www.deadiversion.usdoj.gov/arcos/handbook/full.pdf](http://www.deadiversion.usdoj.gov/arcos/handbook/full.pdf));
- i. *Masters Pharmaceutical, Inc. v. Drug Enforcement Administration*, 861 F.3d 206 (D.C. Cir. 2017);
- j. U.S. Dep’t of Justice, DEA, *Chemical Handler’s Manual: A Guide to Chemical Control Regulations* (2004), (WAGMDL00395965);
- k. U.S. Dep’t of Justice, DEA, *Diversion Investigators Manual* (1990)(CAH\_MDL\_PRIORPROD\_DEA07\_01176247);

l. U.S. Dep't of Justice, DEA, Diversion Investigators Manual (1996) (CAH\_MDL2804\_02203353);

m. Other documents cited in the text and footnotes below.

### **III. Assignment**

10. I have been asked by Plaintiffs' Counsel to document how I processed, validated and augmented opioid transaction data produced by the Drug Enforcement Administration ("DEA") and from the Defendants.

11. I have been asked to summarize shipments in the ARCOS Data, especially those shipments into Cuyahoga County and Summit County.

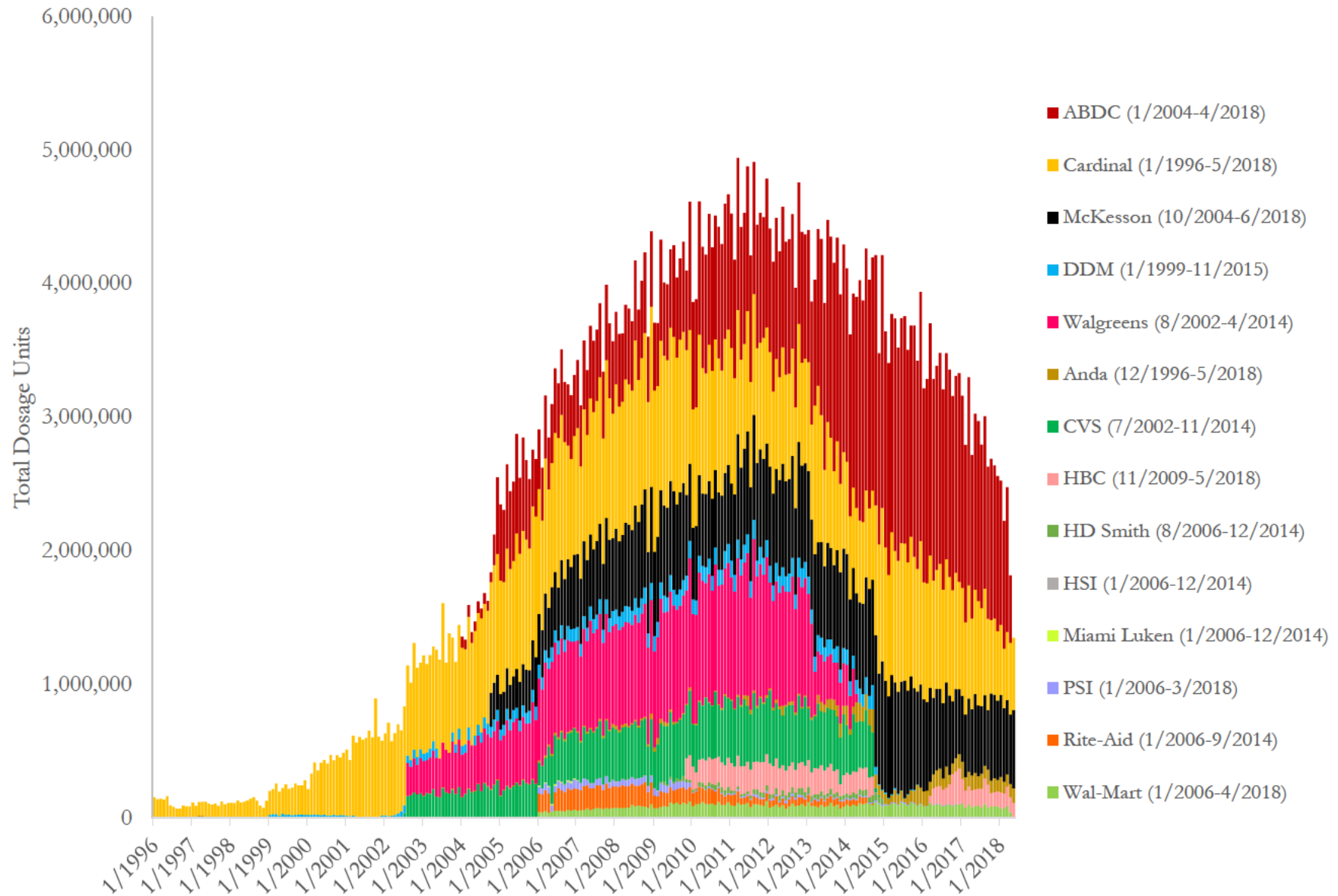
12. I have also been asked to report the results of applying certain algorithms to the ARCOS Data.

### **IV. Summary of Opinions**

13. Based upon my comparison of the ARCOS Data produced by the DEA and the public ARCOS Retail Drug Summary Reports, I conclude that, after correcting a relatively small number of records, the ARCOS Data produced by the DEA is reliable.

14. I conclude that the ARCOS Data is reliable because it closely matches the DEA's Retail Drug Summary Reports for January 2006 through December 2014. Retail Drug Summary Reports summarize the weight of drugs in reported transactions with consumers in each of the 50 states and the District of Columbia. Where there were discrepancies between the ARCOS Data produced by the DEA and the Retail Drug Summary Reports, I was able

## All Defendants 12 Opioid Drug Distribution into Cuyahoga County, OH 1996 - 2018

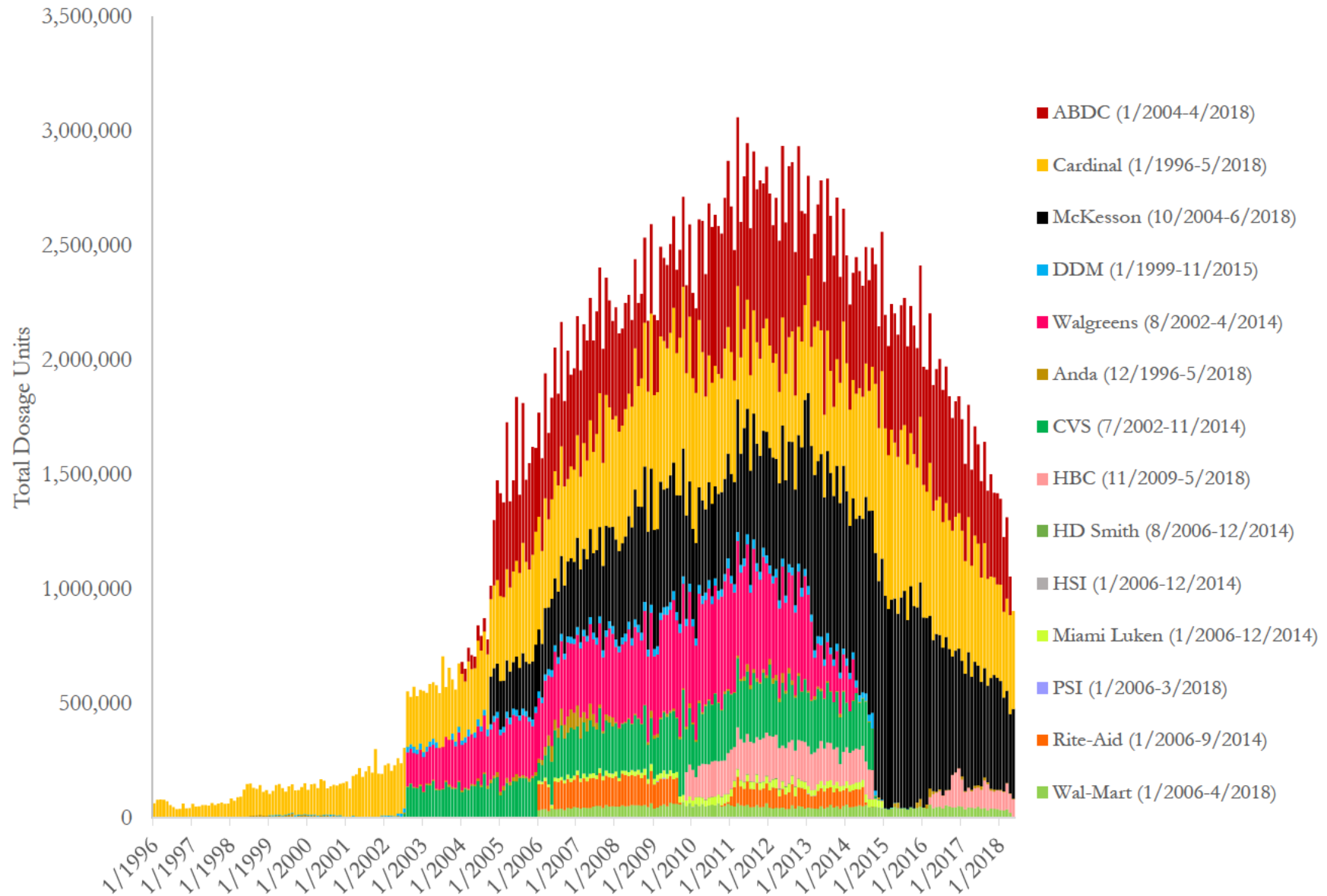


Data source: ARCOS (2006-2014) and defendant transactional data

12 opioid drugs include: Codeine, Dihydrocodeine, Fentanyl, Hydrocodone, Hydromorphone, Levorphanol, Meperidine, Morphine, Opium, Oxycodone, Oxymorphone, Tapentadol

March 2019

## All Defendant 12 Opioid Drug Distribution into Summit County, OH 1996 - 2018



Data source: ARCOS (2006-2014) and defendant transactional data

12 opioid drugs include: Codeine, Dihydrocodeine, Fentanyl, Hydrocodone, Hydromorphone, Levorphanol, Meperidine, Morphine, Opium, Oxycodone, Oxymorphone, Tapentadol



**Opioid Shipments to Pharmacies in Cuyahoga County, OH**  
2006 - 2014

Page	DEA Number	Pharmacy	Address	Type <sup>1</sup>	Total Dosage Units	Weight in mg	Total MME
1		Ohio CVS Stores, L.L.C.	2007 Brookpark Road, Cleveland, OH, 44109	C	9,439,144	106,168	148,823,836
5		The Medical Service Company	24000 Broadway Ave, Oakwood Village, OH, 44146	R	3,220,684	65,837	101,193,011
10		Ccf-Taussig Cancer Center	10201 Carnegie Avenue, Cleveland, OH, 44195	R	3,177,454	56,864	93,850,731
14		Rite Aid of Ohio, Inc	3402 Clark Avenue, Cleveland, OH, 44109	C	6,877,132	71,000	93,564,044
19		Church Square Pharmacy	7905 Euclid Ave, Cleveland, OH, 44103	R	3,921,195	57,357	86,426,553
23		Pharmerica	24165 Detroit Road, Westlake, OH, 44145	R	4,498,529	34,310	83,763,793
27		Healthspan Integrated Care	12301 Snow Road, Parma, OH, 44130	R	7,483,329	51,634	83,048,618
31		Hillcrest Atrium Pharmacy	6770 Mayfield Road, Mayfield Hts, OH, 44124	R	2,261,882	39,251	74,962,129
35		Ohio CVS Stores, L.L.C.	212 West Bagley Road, Berea, OH, 44017	C	4,645,702	43,729	71,408,433
39		Pharmed Inc Dba	Pharmed Pharmacy, Westlake, OH, 44145	R	3,530,387	31,478	69,872,764
43		Walgreen Co	16803 Lorain Ave, Cleveland, OH, 44111	C	5,333,591	48,728	69,606,155
47		Walgreen Co	5400 Pearl Road, Parma, OH, 44129	C	5,401,146	50,534	67,630,712
51		Walgreen Co	11701 Detroit Ave, Lakewood, OH, 44107	C	4,834,040	43,630	65,525,064
55		Pharmacy Management Group Of	Ohio, Inc , Westlake, OH, 44145	R	3,260,450	25,409	64,241,305
59		Remedi Seniorcare of Ohio-Northeast, LLC	26251 Bluestone Blvd , Suite #1, Euclid, OH, 44132	R	3,669,811	26,958	56,970,517
62		Walgreen Co	4265 State Rd , Cleveland, OH, 44109	C	3,970,422	39,248	56,211,896
66		Ohio CVS Stores, L.L.C.	11223 Granger Rd , Garfield Heights, OH, 44125	C	4,757,197	38,091	52,765,599
70		Walgreen Co	3415 Clark Avenue, Cleveland, OH, 44109	C	4,927,250	39,962	47,597,438
74		Walgreen Co	22401 Lake Shore Blvd, Euclid, OH, 44123	C	3,819,737	37,787	47,299,282
78		Bolwell Health Center Phcy	Univ Hosps Of Cleveland, Cleveland, OH, 44106	R	2,811,106	31,413	46,906,898
83		Lutheran Family Pharmacy, Inc	1730 West 25Th Street, Cleveland, OH, 44113	R	2,322,545	32,348	45,504,357
87		Walgreen Co	6300 Pearl Rd , Parma Heights, OH, 44130	C	3,302,023	30,765	45,371,766
91		Walgreen Co	7260 Pearl Road, Middleburg Heights, OH, 44130	C	2,640,719	29,937	45,122,247
95		Rite Aid of Ohio, Inc	7109 Harvard Avenue, Cleveland, OH, 44105	C	2,616,965	30,065	44,925,720
99		Ohio CVS Stores, L.L.C.	8000 Euclid Ave , Cleveland, OH, 44103	C	2,995,267	33,976	44,149,983
103		Ohio CVS Stores, L.L.C.	23351 Lorain Road, North Olmstead, OH, 44070	C	3,474,783	32,243	42,944,462
107		Walgreen Co	20485 Euclid Ave, Euclid, OH, 44117	C	2,539,394	33,415	42,924,733
111		Rite Aid of Ohio, Inc	5795 State Road, Parma, OH, 44134	C	2,868,051	31,602	40,939,728
115		Walgreen Co	12777 Rockside Road, Garfield Heights, OH, 44125	C	2,696,477	25,874	39,632,247
119		Clark Lowcost Pharmacy	3107 Clark Ave, Cleveland, OH, 44109	R	2,754,420	25,098	37,922,348
123		Ohio CVS Stores, L.L.C.	3171 West Blvd , Cleveland, OH, 44111	C	3,572,879	27,923	37,084,153
127		Walgreen Co	6410 Broadway Avenue, Cleveland, OH, 44105	C	3,011,260	31,280	36,767,672
131		Euclid Family Pharmacy	26300 Euclid Avenue, Euclid, OH, 44132	R	1,923,359	25,692	35,209,533
135		Ohio CVS Stores, L.L.C.	13777 Pearl Rd , Strongsville, OH, 44136	C	3,181,432	27,761	35,197,320
139		Walgreen Co	6270 Som Center Road, Solon, OH, 44139	C	2,276,182	23,397	35,085,948
143		Discount Drug Mart	6476 York Road, Parma Heights, OH, 44130	C	2,941,583	23,788	32,881,364
147		Walgreen Co	14525 Euclid, East Cleveland, OH, 44112	C	2,462,072	28,759	32,869,944
151		Walgreen Co	2135 Warrensville Center Rd, South Euclid, OH, 44121	C	2,237,919	23,903	31,758,181
155		Walgreen Co	16400 Chagrin Blvd , Shaker Heights, OH, 44120	C	2,053,892	24,293	31,693,238
159		Walgreen Co	520 Broadway Ave, Bedford, OH, 44146	C	2,400,538	21,433	31,405,653
163		Walgreen Co	6 E Bagley Rd, Berea, OH, 44017	C	2,252,613	18,329	30,957,813

**Opioid Shipments to Pharmacies in Cuyahoga County, OH**  
2006 - 2014

Page	DEA Number	Pharmacy	Address	Type <sup>1</sup>	Total Dosage Units	Weight in mg	Total MME
167		Ohio CVS Stores, L L C	6301 Harvard Avenue, Cleveland, OH, 44105	C	2,562,006	19,055	30,465,290
171		Walgreen Co	11401 Union Avenue, Cleveland, OH, 44105	C	2,441,815	26,438	30,393,664
175		Walgreen Co	15609 Lake Shore Blv, Cleveland, OH, 44110	C	2,806,734	26,379	29,772,018
179		Marc Glassman	Db a Marc'S, Cleveland, OH, 44135	C	1,877,225	21,499	29,696,334
183		Ohio CVS Stores, L L C	10022 Madison Avenue, Cleveland, OH, 44102	C	2,862,565	23,289	28,975,574
187		Healthspan Integrated Care	10 Severance Circle, Cleveland Heights, OH, 44118	R	3,325,898	27,072	28,611,652
191		Walgreen Co	6605 Mayfield, Mayfield Heights, OH, 44124	C	1,615,645	19,064	27,701,395
195		Discount Drug Mart Inc #5	15412 Detroit Ave, Lakewood, OH, 44107	C	2,302,838	19,195	27,566,379
200		Walgreen Co	127 E Pleasant Valley Rd, Seven Hills, OH, 44131	C	2,361,579	18,247	27,320,984
204		Rite Aid of Ohio, Inc	2323 Broadview Road, Cleveland, OH, 44109	C	1,818,235	21,839	26,510,427
208		Walgreen Co	3020 Mayfield Road, Cleveland Heights, OH, 44118	C	1,897,391	21,904	26,471,563
212		Rite Aid of Ohio, Inc	15149 Snow Road, Brook Park, OH, 44142	C	2,238,790	19,228	26,434,991
217		Ohio CVS Stores, L L C	22001 Lakeshore Blvd, Euclid, OH, 44123	C	2,946,139	21,495	24,743,835
221		Ohio CVS Stores, L L C	13215 Shaker Square, Cleveland, OH, 44120	C	1,880,529	20,724	24,714,275
225		Rite Aid of Ohio, Inc	6512 Franklin Boulevard, Cleveland, OH, 44102	C	2,327,485	21,864	24,642,398
229		Ohio CVS Stores, L L C	14372 Snow Rd, Brook Park, OH, 44142	C	2,359,920	18,755	24,639,172
233		Walgreen Co	5090 Turney Road, Garfield Heights, OH, 44125	C	2,203,866	18,543	24,496,993
237		Ohio CVS Stores, L L C	11706 Clifton Boulevard, Lakewood, OH, 44107	C	2,683,960	19,366	24,405,880
241		Ohio CVS Stores, L L C	28100 Chagrin Blvd , Woodmere, OH, 44122	C	1,810,077	16,148	23,890,073
245		Rite Aid of Ohio, Inc	20405 Chagrin Boulevard, Shaker Heights, OH, 44122	C	1,651,984	16,596	23,165,699
250		Walgreen Co	5264 Lee Road, Maple Heights, OH, 44137	C	1,869,453	17,152	23,154,677
254		Rite Aid of Ohio, Inc	10090 Chester Ave, Cleveland, OH, 44106	C	1,896,587	17,786	23,114,667
258		Metrohealth Old Brooklyn Pharmacy	Room Sm 2-80, Cleveland, OH, 44109	R	1,814,732	15,138	23,007,728
262		Ohio CVS Stores, L L C	22909 Emery Road, Warrensville Heights, OH, 44128	C	1,816,941	17,981	22,861,337
266		Ohio CVS Stores, L L C	140 Solon Road, Bedford, OH, 44146	C	1,708,840	15,178	22,699,573
270		Discount Drug Mart #31	Kevin M Ryan, Rph, Euclid, OH, 44119	C	2,370,221	16,383	22,308,551
274		Walgreen Co	4281 W 130Th Street, Cleveland, OH, 44135	C	2,140,125	17,021	21,891,787
278		Discount Drug Mart #41	13123 Detroit Avenue, Lakewood, OH, 44107	C	1,979,031	15,173	21,688,396
283		Ohio CVS Stores, L L C	7412 State Road, Parma, OH, 44134	C	2,152,243	15,785	21,436,092
287		Marc's Pharmacy	7359 Northcliff Avenue, Brooklyn, OH, 44144	C	2,224,620	15,930	21,224,530
291		Ohio CVS Stores, L L C	1443 Richmond Rd , Lyndhurst, OH, 44124	C	1,682,112	14,094	20,741,802
295		Ohio CVS Stores, L L C	8001 West 130Th Street, North Royalton, OH, 44133	C	1,784,549	14,037	20,113,016
299		Ohio CVS Stores, L L C	33840 Aurora Rd , Solon, OH, 44139	C	1,569,128	15,226	19,915,771
303		Ohio CVS Stores, L L C	14440 Cedar Rd, University Heights, OH, 44121	C	1,430,309	13,081	19,551,807
307		Rite Aid of Ohio, Inc	5455 Ridge Road, Parma, OH, 44129	C	1,467,465	14,769	19,267,103
311		Ohliger Drug of Fairview Park	21720 Lorain Road, Fairview Park, OH, 44126	R	1,066,015	12,455	19,016,178
317		Southwest Comm Pharmacy	Div Of S W Holdings Inc, Middleburg Heights, OH, 44130	R	1,072,284	12,511	18,928,349
321		Cleveland Clinic Foundation	2049 East 100Th Street, Cleveland, OH, 44106	R	1,863,192	14,422	18,796,726
325		K Mart Pharmacy Store #3278	12501 Rockside, Garfield Heights, OH, 44125	C	1,017,088	12,870	18,572,641
329		Healthspan Integrated Care	19999 Rockside Rd, Bedford, OH, 44146	R	2,315,435	15,915	18,523,489
333		Valuecare Pharmacy, LLC	6611 West Snowville Road, Brecksville, OH, 44141	R	988,031	7,971	18,385,962

**Opioid Shipments to Pharmacies in Cuyahoga County, OH**  
2006 - 2014

Page	DEA Number	Pharmacy	Address	Type <sup>1</sup>	Total Dosage Units	Weight in mg	Total MME
336		Ohio CVS Stores, L.L.C.	14000 Ridge Road, North Royalton, OH, 44133	C	1,873,946	14,222	18,380,452
340		Ohio CVS Stores, L.L.C.	4240 Pearl Rd, Cleveland, OH, 44109	C	2,323,434	16,631	18,329,219
344		Discount Drug Mart Inc #10	27300 Detroit Rd, Westlake, OH, 44145	C	1,540,257	13,398	18,171,051
349		Rite Aid of Ohio, Inc	10502 Saint Clair Avenue, Cleveland, OH, 44108	C	1,193,880	15,006	17,705,207
353		Discount Drug Mart #28	8191 Columbia Rd, Olmsted Falls, OH, 44138	C	2,116,190	13,253	17,639,788
358		Marc Glassman Inc	4519 Mayfield Road, South Euclid, OH, 44121	C	1,218,536	12,488	17,565,644
362		Healthspan Integrated Care	17406 Royalton Road, Strongsville, OH, 44136	R	2,038,079	10,950	17,414,617
366		Walgreen Co	4071 Lee Road, Cleveland, OH, 44128	C	1,934,429	17,320	17,364,216
370		Healthspan Integrated Care	5420 Lancaster Dr , Brooklyn Heights, OH, 44131	R	5,231,200	29,598	17,230,798
374		Rite Aid of Ohio, Inc	475 E 185Th Street, Euclid, OH, 44119	C	1,145,269	13,304	17,146,892
378		Cleveland Clinic Beachwood Pharmacy	26900 Cedar Rd, Beachwood, OH, 44122	R	1,192,208	12,682	17,017,182
381		Ohio CVS Stores, L.L.C.	4460 Mayfield Rd , South Euclid, OH, 44121	C	1,296,555	12,839	17,015,488
385		Rite Aid of Ohio, Inc	29000 Lorain Road, North Olmsted, OH, 44070	C	1,354,176	11,486	16,956,850
389		Walgreen Co	21010 Center Ridge Rd, Rocky River, OH, 44116	C	1,485,581	13,262	16,914,173
393		Giant Eagle Pharmacy #0515	8515 Tanglewood Square, Bainbridge, OH, 44022	C	1,355,320	13,196	16,895,818
398		Walgreen Co	4365 Mayfield Road, South Euclid, OH, 44121	C	1,371,274	12,185	16,655,889
402		Wal-Mart Pharmacy 10-2073	10000 Brookpark Rd, Brooklyn, OH, 44130	C	2,096,452	13,875	16,622,426
406		Ohio CVS Stores, L.L.C.	2160 Lee Rd, Cleveland Heights, OH, 44118	C	1,497,255	13,505	16,567,806
410		Walgreen Co	14815 Madison Ave , Lakewood, OH, 44107	C	1,624,436	14,008	16,392,167
414		Ohio CVS Stores, L.L.C.	1491 Som Center Rd, Mayfield Heights, OH, 44124	C	1,567,604	12,169	16,142,475
418		Ohio CVS Stores, L.L.C.	17120 Chagrin Blvd, Shaker Heights, OH, 44120	C	1,490,824	13,874	16,043,206
422		Rite Aid of Ohio, Inc	8085 Broadview Road, Broadview Heights, OH, 44147	C	966,725	8,126	15,941,209
426		Discount Drug Mart Inc #8	24485 Lorain Rd, North Olmsted, OH, 44070	C	1,737,196	12,133	15,715,369
431		Wal-Mart Pharmacy 10-5082	8303 W Ridgewood Dr, Parma, OH, 44129	C	1,706,486	12,409	15,627,921
435		Ohio CVS Stores, L.L.C.	14025 Puritas Ave, Cleveland, OH, 44135	C	1,943,420	12,082	15,465,374
439		Rite Aid of Ohio, Inc	21800 Libby Road, Maple Heights, OH, 44137	C	1,507,285	11,753	15,072,783
443		Walgreen Co	6900 Rockside Rd, Independence, OH, 44131	C	1,148,561	11,481	14,922,386
447		Rite Aid of Ohio, Inc	1233 Som Center Road, Mayfield Heights, OH, 44124	C	779,881	9,469	14,728,696
451		Walgreen Co	25524 Center Ridge Road, Westlake, OH, 44145	C	1,179,185	10,184	14,625,821
455		Giant Eagle Pharmacy #4086	15919 Pearl Road, Strongsville, OH, 44136	C	1,417,629	9,763	14,235,459
459		Rite Aid of Ohio, Inc	13955 State Road, North Royalton, OH, 44133	C	915,650	10,279	14,216,650
463		Marymount Family Pharmacy	12000 Mccracken Rd, Garfield Heights, OH, 44125	R	1,447,141	9,816	14,136,167
467		Walgreen Co	19980 W 130Th Street, Strongsville, OH, 44136	C	669,656	9,176	13,919,743
471		Rite Aid of Ohio, Inc	11702 Lorain Avenue, Cleveland, OH, 44111	C	1,526,124	12,430	13,880,574
475		Ohio CVS Stores, L.L.C.	3728 Pearl Rd, Cleveland, OH, 44109	C	1,580,883	11,608	13,756,136
479		Giant Eagle Pharmacy #6376	6300 Biddulph, Brooklyn, OH, 44144	C	2,154,361	12,485	13,490,174
484		Central Admixture	Service Inc, Valleyview, OH, 44125	R	NA	3,136	13,160,692
488		Giant Eagle Pharmacy #1263	15325 Edgecliff Ave, Cleveland, OH, 44111	C	1,669,112	11,814	13,097,373
493		Giant Eagle Pharmacy #5817	7939 Day Drive, Cleveland, OH, 44129	C	1,617,259	10,652	13,062,558
497		Cedar-Sinai Pharmacy	26900 Cedar Rd, Beachwood, OH, 44122	R	537,814	8,626	12,952,981
500		Ohio CVS Stores, L.L.C.	7259 Pearl Rd , Middleburg Hts , OH, 44130	C	1,318,607	8,369	12,241,574

**Opioid Shipments to Pharmacies in Cuyahoga County, OH**  
2006 - 2014

Page	DEA Number	Pharmacy	Address	Type <sup>1</sup>	Total Dosage Units	Weight in mg	Total MME
504		Walgreen Co	7888 York Rd, Parma, OH, 44130	C	1,242,622	9,348	12,031,706
508		Giant Eagle Pharmacy #1297	22160 Center Ridge Road, Rocky River, OH, 44116	C	1,315,519	10,326	12,000,850
512		Discount Drug Mart	6148 Dunham Road, Maple Heights, OH, 44137	C	1,211,011	8,935	11,804,400
516		Giant Eagle Pharmacy #1298	13820 Lorian Ave, Cleveland, OH, 44111	C	1,614,850	9,320	11,784,154
520		Ohio CVS Stores, L.L.C.	15501 Detroit Avenue, Lakewood, OH, 44107	C	1,213,286	7,938	11,587,357
524		Ohio CVS Stores, L.L.C.	1400 East 9Th St, Cleveland, OH, 44114	C	811,756	8,326	11,519,504
528		Ohio CVS Stores, L.L.C.	5901 Mayfield Rd, Mayfield Heights, OH, 44124	C	1,157,234	8,398	11,492,658
532		Walgreen Co	1415 Rockside Rd, Parma, OH, 44134	C	779,298	7,077	11,422,622
536		Walgreen Co	8966 Brecksville Road, Brecksville, OH, 44141	C	1,052,446	8,429	11,361,575
540		Rite Aid of Ohio, Inc	5411 Superior Avenue, Cleveland, OH, 44103	C	1,248,957	11,884	11,250,310
544		Giant Eagle Pharmacy #6388	7400 Broadview Rd, Parma, OH, 44134	C	1,154,114	7,332	11,098,397
548		Giant Eagle Pharmacy #0208	25105 Cedar Rd, Lyndhurst, OH, 44124	C	974,001	8,464	10,942,670
552		Discount Drug Mart Inc #15	17815 Puritas Avenue, Cleveland, OH, 44135	C	1,504,925	9,829	10,897,993
557		Sheliga Drug Inc	6025 St Clair, Cleveland, OH, 44103	R	1,619,460	12,842	10,868,799
561		Giant Eagle Pharmacy #0440	4401 Mayfieldroad, South Euclid, OH, 44121	C	1,129,379	9,603	10,799,500
565		Giant Eagle Pharmacy #0209	900 Northfield Road, Bedford, OH, 44146	C	1,253,262	9,218	10,663,451
569		Discount Drug Mart Inc #17	4170 Fulton Road, Cleveland, OH, 44144	C	1,499,345	9,569	10,448,873
573		Giant Eagle Pharmacy #0218	5744 Transportation Blvd, Garfield Hts, OH, 44125	C	1,408,807	8,310	10,350,995
578		Rite Aid of Ohio, Inc	14701 Pearl Road, Strongsville, OH, 44136	C	931,770	7,323	10,342,546
582		Marc's	6849 Southland Dr, Middleburg Heights, OH, 44130	C	1,264,885	7,675	10,266,143
586		Ohio CVS Stores, L.L.C.	779 Som Center Road, Mayfield Village, OH, 44143	C	1,028,748	7,993	10,231,045
590		Giant Eagle Pharmacy #4009	1825 Snow Road, Parma, OH, 44134	C	1,277,153	7,585	10,155,075
594		Fairview General Hospital	18101 Lorain Ave, Cleveland, OH, 44111	R	821,622	7,474	9,898,659
598		Ohio CVS Stores, L.L.C.	10825 Kinsman Rd, Cleveland, OH, 44104	C	1,249,685	11,577	9,863,848
602		Giant Eagle Pharmacy #1216	30275 Detroit Rd, West Lake, OH, 44145	C	988,737	7,488	9,772,131
606		Giant Eagle Pharmacy #0465	14650 Snow Road, Brookpark, OH, 44142	C	1,586,823	9,265	9,755,273
610		Ohio CVS Stores, L.L.C.	4961 Monticello Blvd., Richmond Heights, OH, 44143	C	1,048,460	7,940	9,712,372
614		Ohio CVS Stores, L.L.C.	7710 Chippewa Rd, Brecksville, OH, 44141	C	1,027,710	7,107	9,675,363
618		Walgreen Co	751 Richmond Rd, Richmond Heights, OH, 44143	C	936,491	7,982	9,540,768
622		Discount Drug Mart #18	6160 Brecksville Road, Independence, OH, 44131	C	1,231,212	7,900	9,446,578
626		Ohio CVS Stores, L.L.C.	13956 Cedar Rd, University Heights, OH, 44118	C	815,799	8,700	9,295,421
630		Rite Aid of Ohio, Inc	T/A Rite Aid Pharmacy#3975, Mayfield Heights, OH, 44124	C	576,760	6,354	9,275,074
634		Walgreen Co	20200 Van Aken Blvd, Shaker Heights, OH, 44122	C	853,105	7,449	9,220,046
638		Rite Aid of Ohio, Inc	Rite Aid Store #4796, University Heights, OH, 44118	C	582,975	7,518	9,014,469
642		Target Stores A Div of Target Corp	Target Store T-2226, Cleveland, OH, 44111	C	646,682	5,957	8,977,574
646		Rite Aid of Ohio, Inc	23709 Center Ridge Road, Westlake, OH, 44145	C	708,905	6,706	8,919,422
650		Exact Care Pharmacy, LLC	8333 Rockside Road, Valley View, OH, 44125	R	1,018,645	8,741	8,918,277
653		Marc Glassman	Dbc Marc'S Pharmacy, Parma, OH, 44134	C	1,202,562	8,065	8,906,602
658		Ohliger Drug of Nort Olmstead Inc	27121 Center Ridge Rd, Westlake, OH, 44145	R	442,880	3,950	8,873,685
663		Walgreen Co	5644 Mayfield Rd, Lyndhurst, OH, 44124	C	621,229	6,228	8,801,616
667		Wal-Mart Pharmacy 10-4285	3400 Steelyard Drive, Cleveland, OH, 44109	C	1,276,954	7,723	8,783,455

**Opioid Shipments to Pharmacies in Cuyahoga County, OH**  
2006 - 2014

Page	DEA Number	Pharmacy	Address	Type <sup>1</sup>	Total Dosage Units	Weight in mg	Total MME
671		Target Stores A Div of Target Corp	Attn Pharmacy, Cleveland, OH, 44109	C	682,484	6,069	8,700,739
675		Giant Eagle Pharmacy #0230	3050 W 117Th Street, Cleveland, OH, 44111	C	1,322,335	7,677	8,673,161
679		Ohio CVS Stores, L L C	34 Shopping Plaza Dr, Chagrin Falls, OH, 44022	C	849,436	6,517	8,630,256
683		Marc Glassman	Db a Marc'S Pharmacy, Garfield Heights, OH, 44125	C	1,286,548	8,006	8,609,694
687		Walgreen Co	24590 Lorain Road, North Olmsted, OH, 44070	C	717,324	6,438	8,600,221
691		Ohio CVS Stores, L L C	30791 Detroit Rd, Westlake, OH, 44145	C	1,140,454	9,386	8,598,276
695		Sam's Pharmacy 10-6305	10250 Brookpark Road, Brooklyn, OH, 44130	C	826,950	6,029	8,416,013
700		Healthspan Integrated Care	Pharmacy Department, Rocky River, OH, 44116	R	992,000	6,273	8,338,599
704		Ohio CVS Stores, L L C	13027 Lorain Ave., Cleveland, OH, 44111	C	997,755	6,947	8,260,619
707		Giant Eagle Pharmacy #5831	14100 Detroit Ave, Lakewood, OH, 44107	C	1,030,087	6,727	8,162,759
711		Pmc Ohio, LLC	24165 Detroit Road, Westlake, OH, 44145	R	485,110	3,754	8,158,122
714		Dave's Supermarkets	3565 Ridge Road, Cleveland, OH, 44102	R	992,820	7,123	8,004,521
719		Giant Eagle Pharmacy #2108	50 West Bridge, Berea, OH, 44017	C	1,253,911	6,987	7,991,172
724		Wal-Mart Pharmacy 10-2266	8585 Pearl Rd, Strongsville, OH, 44136	C	1,092,265	7,247	7,870,252
728		Marc Glassman	Db a: Marc'S, Parma, OH, 44129	C	1,016,800	5,654	7,771,489
732		Ohio CVS Stores, L L C	27120 Bagley Road, Olmsted Twp, OH, 44138	C	856,751	5,886	7,534,316
736		Target Stores A Div Of Target Corp	Attn: Pharmacy, Parma, OH, 44129	C	679,324	4,879	7,415,245
740		Giant Eagle Pharmacy #0217	6869 Southland Drive, Middleburg Hgts, OH, 44130	C	1,283,470	7,987	7,369,841
744		Rite Aid of Ohio, Inc	28600 Chagrin Boulevard, Beachwood, OH, 44122	C	705,728	6,050	7,006,190
749		Giant Eagle Pharmacy #6359	27264 Lorain Road, North Olmsted, OH, 44070	C	1,024,058	6,085	6,927,941
753		Marc's Pharmacy	8003 Broadview Rd, Broadview Heights, OH, 44147	C	750,212	4,926	6,887,285
757		Rite Aid of Ohio, Inc	14610 Harvard Avenue, Cleveland, OH, 44128	C	867,492	7,662	6,874,627
761		Wal-Mart Pharmacy 10-2316	24801 Brookpark Rd, North Olmstead, OH, 44070	C	972,099	6,784	6,836,261
765		Ohio CVS Stores, L L C	3825 Monticello Blvd, Cleveland Heights, OH, 44121	C	861,930	7,723	6,836,246
769		Clinical Specialties Inc	6955 Treeline Drive, Brecksville, OH, 44141	C	NA	2,324	6,832,990
773		Rite Aid of Ohio, Inc	27175 Center Ridge Road, Westlake, OH, 44145	C	720,584	5,600	6,773,977
777		Costco Wholesale Corporation	Db a Costco Pharmacy #344, Mayfield Height, OH, 44124	C	678,725	5,569	6,749,485
781		Discount Drug Mart	5500 Wallings Road, North Royalton, OH, 44133	C	875,600	5,424	6,748,841
785		Ohio CVS Stores, L L C	27713 Lorain Rd, North Olmsted, OH, 44070	C	735,995	4,583	6,670,505
788		Parkway Pharmacy	23350 Mercantile Road, Beachwood, OH, 44122	R	408,661	2,982	6,605,979
792		Surgical Center Pharmacy P-10	2070 E 90Th Street, Cleveland, OH, 44106	R	685,725	5,521	6,551,523
796		Discount Drug Mart Inc #21	Store #21, Cleveland, OH, 44105	C	1,010,792	6,497	6,392,405
800		Mt Pleasant Pharmacy	12395 Mccracken Road, Garfield Heights, OH, 44125	R	241,910	3,881	6,364,023
803		Marc Glassman	Db a Marc'S Pharmacy, Euclid, OH, 44123	C	940,259	6,291	6,238,185
807		Skilled Care Pharmacy, Llc - Cleveland	9299 Market Place, Broadview Heights, OH, 44147	R	426,557	3,074	6,103,544
810		Walgreen Co	4507 Clark Ave, Cleveland, OH, 44102	C	645,140	5,132	5,777,885
813		Wal-Mart Pharmacy 10-2362	1868 Warrensville Center Road, South Euclid, OH, 44121	C	745,305	5,808	5,715,419
817		Marc's Variety Store Inc	Db a Marc'S Pharmacy, Cleveland, OH, 44111	C	934,940	6,021	5,691,279
821		Coram Alternate Site Services, Inc	6565 Davis Industrail Parkway, Solon, OH, 44139	C	NA	1,761	5,641,101
825		Marc Glassman	Marc'S Pharmacy, Strongsville, OH, 44136	C	755,077	4,820	5,594,733
829		Giant Eagle Pharmacy #0204	6000 Royalton Road, North Royalton, OH, 44133	C	838,090	5,900	5,449,189



**Opioid Shipments to Pharmacies in Cuyahoga County, OH**  
2006 - 2014

Page	DEA Number	Pharmacy	Address	Type <sup>1</sup>	Total Dosage Units	Weight in mg	Total MME
833		Dave's Super Market	3301 Payne Ave, Cleveland, OH, 44114	R	523,412	3,684	5,308,871
837		St Luke's Lowcost Pharmacy	11201 Shaker Blvd, Suite 126, Cleveland, OH, 44104	R	449,715	3,488	5,295,780
840		Giant Eagle Pharmacy #5836	6259 Mayfield Road, Mayfield Heights, OH, 44124	C	545,528	4,472	5,237,003
844		Rite Aid of Ohio, Inc	15105 Saint Clair Avenue, Cleveland, OH, 44110	C	789,010	6,723	5,104,795
848		Giant Eagle Pharmacy #4087	11501 Buckeye Road, Cleveland, OH, 44104	C	876,435	6,977	5,086,826
852		Rite Aid of Ohio, Inc T/A	Rite Aid Pharmacy #4771, Cleveland, OH, 44102	C	302,455	3,658	4,934,798
855		Ohio CVS Stores, L L C	6527 Brecksville Rd, Independence, OH, 44131	C	616,021	4,459	4,866,887
859		Dave's Supermarkets Inc	16820 Harvard Ave, Cleveland, OH, 44128	R	472,725	4,313	4,810,927
863		Wal-Mart Pharmacy 10-4342	22209 Rockside Road, Bedford, OH, 44146	C	667,515	4,665	4,515,692
867		Dave's Pharmacy 16	3628 Mayfield Rd, Cleveland Heights, OH, 44118	R	373,939	3,253	4,409,243
871		Ohio CVS Stores, L L C	840 Euclid Ave, Cleveland, OH, 44114	C	577,035	5,141	4,279,008
875		Prijatel's Pharmacy	6718 St Clair Ave, Cleveland, OH, 44103	R	429,979	3,883	4,221,084
879		Walgreen Co	27251 Wolf Rd, Bay Village, OH, 44140	C	495,159	4,176	4,197,738
883		Marc Glassman	Dbc Marc'S, North Olmsted, OH, 44070	C	603,045	4,544	4,180,890
887		Giant Eagle Pharmacy #0228	34310 Aurora Road, Solon, OH, 44139	C	507,913	3,427	4,097,429
891		Accuscripts Pharmacy L L C	24340 Sperry Dr, Westlake, OH, 44145	R	275,099	1,971	4,090,269
894		Rite Aid of Ohio, Inc	16207 Detroit Avenue, Lakewood, OH, 44107	C	581,880	3,805	4,036,697
898		Marc Glassman Inc	Dbc Marc'S Pharmacy, Mayfield Heights, OH, 44124	C	447,132	2,981	4,015,098
902		Marc Glassman	Dbc Marc'S Pharmacy, Solon, OH, 44139	C	486,819	3,443	3,983,867
906		Target Stores A Div of Target Corp	Target Store T-2266, Fairview Park, OH, 44126	C	303,202	1,844	3,876,844
910		Cleveland Lorain CVS, Inc	13027 Lorain Ave., Cleveland, OH, 44111	C	554,895	4,290	3,869,772
913		Marc's Pharmacy	13883 Cedar Road, South Euclid, OH, 44118	C	232,305	2,936	3,806,612
916		Marc Glassman	Dbc: Marc'S, Lakewood, OH, 44107	C	665,552	4,777	3,774,661
920		Ohio CVS Stores, L L C	20641 Fairmount Blvd, Shaker Heights, OH, 44118	C	483,215	3,697	3,745,299
924		Discount Drug Mart #82	765 Alpha Dr, Highland Heights, OH, 44143	C	329,440	3,182	3,716,131
928		Marc's Pharmacy	21661 Center Ridge Road, Rocky River, OH, 44116	C	518,720	3,564	3,684,627
932		Costco Wholesale Corporation	16690 Royalton Rd, Strongsville, OH, 44136	C	284,045	2,285	3,620,252
936		Wal-Mart Pharmacy 10-5083	6594 Mayfield Rd, Mayfield Heights, OH, 44124	C	371,870	2,851	3,595,258
940		Giant Eagle Pharmacy #5830	24601 Chagrin Blvd, Beechwood, OH, 44122	C	524,975	4,034	3,562,619
944		Giant Eagle Pharmacy #6414	5321 Warrensville Rd, Maple Hts, OH, 44137	C	614,600	4,125	3,559,809
948		Giant Eagle Pharmacy #357	D B A Rini-Rego, Parma, OH, 44129	C	512,450	3,638	3,553,206
951		North Olmstead Oh CVS, Inc	27713 Lorain Rd, North Olmsted, OH, 44070	C	437,922	2,780	3,530,900
954		Target Stores A Div Of Target Corp	Attn: Pharmacy, Mayfield Hts, OH, 44124	C	306,536	2,770	3,344,153
958		Ohio CVS Stores, L L C	19950 Detroit Rd, Rocky River, OH, 44116	C	519,287	3,169	3,318,573
962		Rite Aid of Ohio, Inc T/A	Rite Aid #1100, Warrensville Heights, OH, 44122	C	260,006	2,731	3,283,779
965		Target Stores A Div Of Target Corp	Attn: Pharmacy, North Olmsted, OH, 44070	C	271,872	1,992	3,277,341
969		Bay Village CVS, Inc	625 Dover Center Road, Bay Village, OH, 44140	C	377,669	2,789	3,277,339
973		Giant Eagle Pharmacy #5810	21593 Lorain Road, Fairview Park, OH, 44126	C	565,530	3,324	3,222,703
977		K Mart Pharmacy Store #4257	17840 Bagley Road, Middleburg Heights, OH, 44130	C	395,565	2,719	3,113,852
981		Upco	D/B/A Cedarfairmount Pharmacy, Cleveland Heights, OH, 44106	R	283,345	2,766	2,949,120
984		Target Stores A Div Of Target Corp	Attn: Pharmacy, University Heights, OH, 44118	C	323,380	3,250	2,777,879

**Opioid Shipments to Pharmacies in Cuyahoga County, OH**  
2006 - 2014

Page	DEA Number	Pharmacy	Address	Type <sup>1</sup>	Total Dosage Units	Weight in mg	Total MME
988		Discount Drug Mart, Inc	13919 Prospect Rd, Strongsville, OH, 44149	C	290,345	1,949	2,776,294
991		Ohio CVS Stores, L L C	625 Dover Center Road, Bay Village, OH, 44140	C	383,872	2,317	2,739,635
994		Cleveland Clinic Specialty/Home Delivery Pharmacy	3175 Science Park Drive, Beachwood, OH, 44122	R	203,540	1,485	2,442,930
997		K Mart Pharmacy	7700 Brookpark Road, Brooklyn, OH, 44129	C	321,905	2,048	2,216,521
1001		Target Stores A Div Of Target Corp	Attn: Pharmacy, Strongsville, OH, 44136	C	317,820	2,045	2,095,625
1005		Buckhead Pharmaceutical Associ	730 Som Center Rd Suite 100, Mayfield Village, OH, 44143	R	228,972	2,215	1,942,805
1009		The Fred W Albrecht Grocery Co	1225 Pleasant Valley Rd, Parma, OH, 44134	R	229,345	1,573	1,792,303
1012		Marc Glassman Inc, D/B/A Marc's Pharmacy 64Cv	1833 Coventry Road, Cleveland Heights, OH, 44118	R	122,875	1,428	1,634,440
1015		Marc Glassman, Inc	Marc'S Pharmacy, Brookpark, OH, 44142	C	269,550	1,432	1,584,104
1018		Rite Aid of Ohio, Inc	Db a Rite Aid Pharmacy #3152, Rocky River, OH, 44116	C	124,515	1,213	1,477,662
1021		Lee Silsby Compounding Phar	3216 Silsby Road, Cleveland, OH, 44118	R	110,420	1,721	1,433,743
1025		Giant Eagle Pharmacy #5874	10950 Lorain Road, Cleveland, OH, 44111	C	197,610	1,463	1,429,028
1028		Giant Eagle Pharmacy #4088	4343 Royalton Road, Broadview Heights, OH, 44147	C	157,735	1,295	1,410,470
1031		Huron Community Health Center Pharmacy	13944 Euclid Ave, East Cleveland, OH, 44112	R	164,190	1,227	1,378,320
1034		Central Medical Arts Pharmacy Inc	2475 E 22Nd Street, Cleveland, OH, 44115	R	221,120	2,096	1,109,784
1038		Metrohealth Concordia, Care Pharmacy	2373 Euclid Heights Boulevard, Cleveland Hts, OH, 44106	R	84,930	741	1,077,949
1041		Diplomat Specialty Pharmacy	26851 Miles Road, Warrensville Heights, OH, 44128	R	49,066	728	908,894
1044		Rite Aid of Ohio, Inc	T/A Rite Aid Disc Phcy #3476, Cleveland, OH, 44104	C	112,215	1,217	907,080
1047		Wal-Mart Pharmacy 10-3326	5638 Transportation Blvd , Garfield Hieghts, OH, 44125	C	121,300	741	889,519
1050		Tops Markets, LLC	Db a Tops Pharmacy, Strongsville, OH, 44136	C	49,300	603	858,816
1053		Target Stores A Div Of Target Corp , T-1111	Attn: Pharmacy, Rocky River, OH, 44116	C	61,397	477	839,649
1056		Tops Markets, LLC	Db a Tops Pharmacy, Cleveland, OH, 44111	C	75,820	876	802,936
1059		University Hospitals	4510 Richmond Road, Warrensville Heights, OH, 44128	R	100	287	761,047
1063		Central Rx Pharmacy and Medical Supply LLC	2475 East 22 Nd St , Suite 100, Cleveland, OH, 44115	R	132,100	954	738,985
1066		Cleveland Apothecare	11201 Shaker Blvd, Cleveland, OH, 44104	R	90,550	1,124	723,249
1069		Cleveland Clinic Lutheran Ambulatory Pharmacy	1730 West 25Th Street, Cleveland, OH, 44113	R	89,860	564	710,781
1072		Target Stores A Div Of Target Corp	Attn: Pharmacy, Bedford, OH, 44146	C	85,447	614	682,067
1075		Severance Healthmart Pharmacy	4127 East 131St St ( Inside Miles), Cleveland, OH, 44105	R	96,800	771	657,693
1078		Tops Markets, LLC	Db a: Tops Pharmacy, Euclid, OH, 44123	C	38,260	416	580,238
1081		Tops Markets, LLC	Db a Tops Pharmacy, Lakewood, OH, 44107	C	49,755	548	579,038
1084		Cleveland Clinic Independence Ambulatory Pharmacy	5001 Rockside Rd, Independence, OH, 44131	R	40,700	344	566,202
1087		Cleveland Apothe-Care	11201 Shaker Blvd, Cleveland, OH, 44104	R	54,675	709	539,208
1090		Tops Markets, LLC	16820 Harvard Drive, Cleveland, OH, 44128	C	51,285	603	470,048
1093		Marc Glassman, Inc	Db a: Marc'S Pharmacy, Westlake, OH, 44145	C	65,880	409	423,083
1096		Walgreen Co	Db a: Walgreens #10028, Shaker Heights, OH, 44122	C	28,800	306	418,770
1099		Miller Drug	30495 Pinetree Road, Pepper Pike, OH, 44124	R	34,290	349	401,794
1102		Tops Markets, LLC	Db a Tops Pharmacy, Cleveland, OH, 44106	C	43,855	532	401,760
1105		Rite Aid of Ohio, Inc	T/A Rite Aid Discnt Phcy #3228, East Cleveland, OH, 44112	C	78,020	943	376,315
1108		Tops Markets, LLC	Db a Tops Pharmacy, Richmond Height, OH, 44143	C	28,985	433	371,682
1111		Tops Markets, LLC	Db a Tops Pharmacy, Brooklyn, OH, 44144	C	27,442	271	368,712
1114		Barron Pharmacy	23632 Mercantile Rd, Beachwood, OH, 44122	R	69,505	1,108	283,001

**Opioid Shipments to Pharmacies in Cuyahoga County, OH**  
2006 - 2014

Page	DEA Number	Pharmacy	Address	Type <sup>1</sup>	Total Dosage Units	Weight in mg	Total MME
1118		Tops Markets, LLC	Dbas Tops Pharmacy, Bedford, OH, 44146	C	31,400	253	272,249
1121		Tops Pharmacy	6259 Mayfield Road, Mayfield Hgts, OH, 44124	C	9,020	63	240,926
1124		Rx Pharmacy	13704 Euclid Ave, E Cleveland, OH, 44112	R	28,140	210	240,137
1127		Tops Markets, LLC	Dbas Tops Pharmacy, Fairview Park, OH, 44126	C	20,770	158	209,382
1130		Johnston Drug	625 E 200 St, Euclid, OH, 44119	R	16,380	187	207,927
1133		Tops Markets, LLC	Dbas Tops Pharmacy, Cleveland, OH, 44104	C	34,620	491	187,500
1136		Tops Markets, LLC	Dbas Tops Pharmacy, Cleveland Heights, OH, 44118	C	15,725	165	178,848
1139		Tops Markets, LLC	Dbas Tops Pharmacy, Parma, OH, 44129	C	27,120	292	174,876
1142		Giant Eagle Pharmacy #4809	16820 Harvard Avenue, Cleveland, OH, 44128	C	19,370	243	174,444
1145		Tops Markets, LLC	Dbas Tops Pharmacy, Parma, OH, 44134	C	10,790	84	167,694
1148		North East Ohio Health Services	The Office Place, Beachwood, OH, 44122	R	8,955	64	167,575
1151		Tops Markets, LLC	Dbas Tops Pharmacy, Berea, OH, 44017	C	21,795	156	149,704
1154		Tops Markets, LLC	Dbas Tops Pharmacy, Garfield Heights, OH, 44125	C	21,550	159	143,798
1157		Cleveland Lowcost Pharmacy	14529 Puritas Ave, Cleveland, OH, 44135	R	7,740	124	141,772
1160		Center For Families and Children Pharmacy	4400 Euclid Ave, Cleveland, OH, 44103	R	12,530	83	139,504
1163		Giant Eagle Pharmacy #4881	22501 Shore Center Drive, Euclid, OH, 44123	C	10,825	89	137,149
1166		Tops Markets, LLC	Dbas Tops Pharmacy, Parma, OH, 44134	C	8,410	138	120,228
1169		Tops Markets, LLC	Dbas Tops Pharmacy, North Royalton, OH, 44133	C	17,800	176	119,794
1172		Hillmed Surgical Corp, Dbas	Hillmed Home Medical Systems, Cleveland, OH, 44120	R	5,525	69	117,052
1175		Tops Pharmacy	2203 Warrensville Center Rd, University Heights, OH, 44118	C	7,800	95	104,879
1178		Integrity Healthcare Services Inc	29313 Clemens Road, Westlake, OH, 44145	R	NA	82	104,298
1181		Tops Markets, LLC	Dbas Tops Pharmacy, Beachwood, OH, 44122	C	12,340	129	76,102
1184		Giant Eagle Pharmacy #4822	4948 Turney Road, Garfield Heights, OH, 44125	C	8,835	76	68,310
1187		Giant Eagle Pharmacy #4876	3628 Mayfield Road, Cleveland Heights, OH, 44118	C	9,715	107	64,309
1190		Neighborcare Pharmacy Services, DBA Neighborcare-Broadview Heights	403 Ken-Mar Industry Pkwy #405, Broadview Heights, OH, 44147	R	7,715	43	62,300
1193		Center For Families And Children Pharmacy #2	3929 Rocky River Dr, Cleveland, OH, 44111	R	12,990	84	52,125
1196		Asia Plaza Pharmacy	2999 Payne Ave, #130, Cleveland, OH, 44114	R	7,440	70	49,434
1199		Tops Pharmacy	26662 Brookpark Road Extension, N Olmsted, OH, 44070	C	7,400	57	45,222
1202		Community Care Pharmacy	3167 Fulton Rd Ste-111, Cleveland, OH, 44109	R	10,100	108	39,618
1206		Ohliger Drug Long Term Care	27121 Center Ridge Rd, Westlake, OH, 44145	R	5,910	38	32,264
1209		Pharmacy Specialty Group	1250 Linda Street, Rocky River, OH, 44116	R	1,380	18	24,671
1212		Zagara's Pharmacy	5100 Wilson Mills Road, Richmond Heights, OH, 44143	R	1,510	13	22,649
1215		Nature's Pharmacy/Compounding Center	21724 Lorain Road, Fairview Park, OH, 44126	R	1,012	22	19,619
1218		Center For Families And Children Pharmacy #4	5209 Detroit Ave, Cleveland, OH, 44102	R	2,618	18	15,812
1221		Center For Families And Children Pharmacy #3	5955 Ridge Rd, Parma, OH, 44129	R	2,500	10	11,737
1224		Crp Pharmacy LLC, LL-20	10567 St Clair Avenue, Cleveland, OH, 44108	R	1,600	10	10,101
1227		Ahf Pharmacy	2829 Euclid Avenue, Cleveland, OH, 44115	R	1,100	8	4,598
1230		Saint Clair Drug	6718 St Clair, Cleveland, OH, 44103	R	900	4	3,632
1233		Kids N Cures Pharmacy	2054 South Green Road, South Euclid, OH, 44121	R	600	9	3,179
1236		Community Care Pharmacy #2	3500 Carnegie Avenue, Cleveland, OH, 44115	R	500	7	2,476
1239		Signature Health Incorporated Pharmacy	21100 Southgate Park Blvd, Maple Heights, OH, 44137	R	300	3	1,676



**Opioid Shipments to Pharmacies in Cuyahoga County, OH**

2006 - 2014

Page	DEA Number	Pharmacy	Address	Type <sup>1</sup>	Total Dosage Units	Weight in mg	Total MME
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Note

1 "R" denotes "Retail Pharmacy", and "C" denotes "Chain Pharmacy"

## Opioid Shipments to Pharmacies in Summit County, OH

2006 - 2014

Page	DEA Number	Pharmacy	Address	Type <sup>1</sup>	Total Dosage Units	Weight in mg	Total MME
1		The Fred W Albrecht Grocery Co	4302 Allen Rd Suite #110, Stow, OH, 44224	R	8,443,233	121,592	229,791,622
4		New Choice Pharmacy	1900 23Rd Street, Cuyahoga Falls, OH, 44223	R	7,253,003	107,198	208,411,897
7		Klein's Pharmacy	Klein Barry E, Cuyahoga Falls, OH, 44223	R	5,903,449	97,100	174,737,230
11		Summit Pain Specialists Pharmacy	4302 Allen Rd Suite 300, Stow, OH, 44224	R	5,173,203	74,287	128,815,387
14		Rite Aid of Ohio, Inc.	325 East Waterloo Road, Akron, OH, 44319	C	6,031,901	68,594	108,394,947
19		Ritzman Pharmacy #101	1323 Copley Rd, Akron, OH, 44320	R	5,958,246	59,042	87,404,636
23		New Choice Pharmacy	1900 23Rd Street, Cuyahoga Falls, OH, 44223	R	3,734,333	43,742	86,229,782
27		Ohio CVS Stores, L.L.C.	590 East Market Street, Akron, OH, 44304	C	7,437,315	57,147	82,079,399
31		Giant Eagle Pharmacy #4031	41 5Th Street Se, Barberton, OH, 44203	C	6,931,522	46,701	69,545,895
36		Walgreen Co.	2645 State Rd, Cuyahoga Falls, OH, 44223	C	5,038,035	43,024	65,972,776
40		Walgreen Co.	302 Canton Road, Akron, OH, 44312	C	4,836,422	42,701	62,202,915
44		Ohio CVS Stores, L.L.C.	3352 Kent Road, Stow, OH, 44224	C	4,602,677	39,392	61,888,598
48		The Fred W Albrecht Grocery	Db a Acme Pharmacy #18, Akron, OH, 44314	R	4,298,764	38,371	59,245,746
52		Walgreen Co.	1130 S. Arlington St, Akron, OH, 44306	C	5,221,638	37,773	54,705,405
57		Rite Aid of Ohio, Inc.	1540 Canton Road, Akron, OH, 44312	C	3,363,407	32,769	51,811,510
62		Ohio CVS Stores, L.L.C.	1225 Canton Rd, Akron, OH, 44312	C	3,993,229	35,294	49,264,106
66		Walgreen Co.	900 Wooster Rd North, Barberton, OH, 44203	C	4,740,572	34,607	47,818,706
70		Ritzman Pharmacy #107	157 West Cedar Street, Akron, OH, 44307	R	2,369,636	29,669	46,520,276
74		Highland Square Phcy	786 W Market St, Akron, OH, 44303	R	2,781,075	29,922	46,141,849
78		Ritzman Pharmacy #102	390 Robinson Avenue, Barberton, OH, 44203	R	2,927,586	24,813	42,910,897
82		Rite Aid of Ohio, Inc.	1047 Kenmore Boulevard, Akron, OH, 44314	C	3,106,770	27,727	41,765,424
87		Ohio CVS Stores, L.L.C.	2091 Eastwood Avenue, Akron, OH, 44305	C	3,229,381	24,627	41,295,290
91		Walgreen Co.	830 Brittain Rd, Akron, OH, 44305	C	3,448,212	27,729	41,263,834
95		Walgreen Co.	1303 Copley Road, Akron, OH, 44320	C	4,083,262	30,200	40,392,593
99		Ohio CVS Stores, L.L.C.	235 East Cuyahoga Falls Ave, Akron, OH, 44310	C	3,793,949	26,953	38,066,603
103		Ohio CVS Stores, L.L.C.	4195 S. Cleveland-Massillon Road, Norton, OH, 44203	C	3,793,240	27,388	37,426,446
107		Walgreen Co.	834 W. Market Street, Akron, OH, 44303	C	3,267,322	25,733	36,804,795
111		Giant Eagle Pharmacy #4124	484 East Waterloo Rd, Akron, OH, 44319	C	4,074,691	27,747	36,700,349
116		Ohio CVS Stores, L.L.C.	780 Brittain Road, Akron, OH, 44305	C	2,267,241	22,984	36,442,243
119		Healthspan Integrated Care	1260 Independence Ave, Akron, OH, 44310	R	2,732,900	19,432	36,305,435
123		Walgreen Co.	3009 W. Market St., Fairlawn, OH, 44333	C	2,496,517	24,310	35,309,849
127		Fred W Albrecht Grocery Co	Db a Acme Pharmacy #14, Akron, OH, 44319	R	3,313,101	25,542	34,837,474
131		Ohio CVS Stores, L.L.C.	1711 State Rd, Cuyahoga Falls, OH, 44223	C	2,691,340	21,720	33,251,693

## Opioid Shipments to Pharmacies in Summit County, OH

2006 - 2014

Page	DEA Number	Pharmacy	Address	Type <sup>1</sup>	Total Dosage Units	Weight in mg	Total MME
135		Ohio CVS Stores, L.L.C.	10380 Northfield Road, Northfield, OH, 44067	C	2,436,735	23,362	33,237,638
139		Discount Drug Mart #33	655 Portage Trail, Cuyahoga Falls, OH, 44221	C	2,376,951	22,693	32,936,027
143		Walgreen Co.	2086 Graham Rd., Stow, OH, 44224	C	2,230,484	18,627	31,779,620
147		Walgreen Co.	9043 Darrow Rd, Twinsburg, OH, 44087	C	2,087,832	23,233	31,278,077
151		Ritzman Pharmacy #105	95 Arch Street, Akron, OH, 44304	R	1,576,718	20,834	30,957,103
155		Rite Aid of Ohio, Inc.	45 East Avenue, Tallmadge, OH, 44278	C	1,980,665	17,790	30,883,083
160		Ohio CVS Stores, L.L.C.	1949 West Market Street, Akron, OH, 44313	C	2,690,597	21,758	30,755,735
164		Akron Gen Med Ctr Ambu Care Center	1 Akron General Avenue, Akron, OH, 44307	R	1,413,330	15,926	29,991,105
168		Ohio CVS Stores, L.L.C.	426 Robinson Ave., Barberton, OH, 44203	C	3,283,756	21,981	29,400,879
172		Rite Aid of Ohio, Inc.	2975 West Market Street, Fairlawn, OH, 44333	C	2,013,302	19,296	29,355,258
177		Karant Pharmacy Services	3300 Greenwich Road, Norton, OH, 44203	R	1,265,557	19,023	29,143,635
184		Ritzman Pharmacy #106	4047 S. Cleveland Massillon Rd, Norton, OH, 44203	R	1,741,195	18,273	28,778,562
188		Raley Drug Store, Inc	1760 Goodyear Blvd, Akron, OH, 44305	R	796,373	17,152	27,838,498
191		Rite Aid of Ohio, Inc.	1914 Bailey Road, Cuyahoga Falls, OH, 44221	C	2,184,150	18,869	27,713,925
196		Walgreen Co.	1925 W. Market St., Akron, OH, 44313	C	2,184,896	19,108	27,268,155
200		Giant Eagle Pharmacy #4029	2801 East Waterloo Road, Akron, OH, 44312	C	2,933,284	19,021	26,210,309
205		Giant Eagle Pharmacy #4030	205 West Ave, Tallmadge, OH, 44278	C	2,751,111	20,057	26,165,880
209		The Fred W Albrecht Groc Co	Db: Acme Pharmacy 6, Norton, OH, 44203	R	1,768,797	15,691	25,782,756
213		Ohio CVS Stores, L.L.C.	10085 Darrow Road, Twinsburg, OH, 44087	C	1,818,288	15,823	25,695,036
217		Walgreen Co.	663 E Aurora Rd, Macedonia, OH, 44056	C	1,769,270	16,847	24,988,429
221		Rite Aid of Ohio, Inc.	4053 South Main Street, Akron, OH, 44319	C	2,526,197	17,243	24,440,590
226		Cope Pharmacy Inc	941 West Nimisila Rd, Akron, OH, 44319	R	2,057,054	16,134	24,084,358
230		Ohio CVS Stores, L.L.C.	9302 Olde Eight Rd., Northfield Center, OH, 44067	C	1,957,126	15,358	23,814,674
234		Skilled Care Pharmacy-Clev	1750 Highland Rd Unit 7, Twinsburg, OH, 44087	R	1,197,345	9,567	23,599,717
238		Rite Aid of Ohio, Inc.	1403 Wooster Road West, Barberton, OH, 44203	C	2,369,047	16,577	23,541,311
243		The Fred W Albrecht Grocery	Db: Acme Pharmacy #2, Akron, OH, 44312	R	2,165,663	16,650	21,917,129
247		Ohio CVS Stores, L.L.C.	5783 Darrow Rd., Hudson, OH, 44236	C	1,651,208	13,460	21,882,714
251		Walgreen Co.	361 E. Waterloo Rd., Akron, OH, 44319	C	1,926,906	14,999	21,872,465
255		Ohio CVS Stores, L.L.C.	641 Graham Rd., Cuyahoga Falls, OH, 44221	C	1,334,130	12,845	19,867,041
259		Marcus Chapel Hill Inc	470 Howe Avenue, Cuyahoga Falls, OH, 44221	C	1,892,800	15,107	18,881,742
263		Ohio CVS Stores, L.L.C.	1140 Portage Trail Ext., Akron, OH, 44313	C	1,551,279	12,753	18,308,901
267		Giant Eagle Pharmacy #4036	2687 State Road, Cuyahoga Falls, OH, 44223	C	2,437,077	14,449	17,968,008
271		Klein's Community Health	Center Pharmacy, Akron, OH, 44311	R	1,318,341	11,195	17,775,688

## Opioid Shipments to Pharmacies in Summit County, OH

2006 - 2014

Page	DEA Number	Pharmacy	Address	Type <sup>1</sup>	Total Dosage Units	Weight in mg	Total MME
275		Acme Pharmacy #11	600 South Avenue, Tallmadge, OH, 44278	R	1,234,452	10,117	16,918,648
279		Wal-Mart Pharmacy 10-1911	2887 S. Arlington St, Akron (S), OH, 44312	C	1,974,590	12,852	16,685,669
283		Giant Eagle Pharmacy #5878	230 Howe Rd, Cuyahoga Falls, OH, 44221	C	1,934,569	12,469	16,505,331
287		Fred W Albrecht Grocery	Dbas: Acme Pharmacy #12, Cuyahoga Falls, OH, 44221	R	1,327,595	10,461	15,707,417
291		Marc Glassman Inc	360 East Waterloo Rd, Akron, OH, 44319	C	2,095,015	12,618	15,666,883
295		Sand Run Pharmacy	40 Sand Run Road, Akron, OH, 44313	R	819,059	8,865	15,554,813
299		Brittain Road CVS, Inc.	780 Brittain Road, Akron, OH, 44305	C	1,161,026	9,103	15,397,299
303		Discount Drug Mart	4044 Fishcreek Rd, Stow, OH, 44224	C	1,466,825	10,917	15,126,138
308		Giant Eagle Pharmacy #6299	290 E Aurora Rd, Northfield, OH, 44067	C	1,308,885	8,907	14,070,097
312		The Fred W Albrecht Grocery	Dbas Acme Pharmacy #15, Akron, OH, 44333	R	1,096,191	8,302	13,827,561
316		Marc	Dbas Marc'S Pharmacy, Akron, OH, 44312	C	1,674,530	10,348	13,288,290
320		Ohio CVS Stores, L.L.C.	1410 Cleveland-Massillon Rd, Copley, OH, 44321	C	1,148,016	8,803	13,239,248
323		Giant Eagle Pharmacy #0224	8960 Darrow Road, Twinsburg, OH, 44087	C	1,157,684	10,688	12,592,610
327		Kleins Pharmacy #3	4125 Medina Road, Akron, OH, 44333	R	518,921	7,673	11,855,220
330		The Fred W Albrecht Grocery	Dbas Acme Pharmacy #17, Stow, OH, 44224	R	845,177	7,742	11,724,148
334		Marc's Fairlawn	2753 W Market Street, Fairlawn, OH, 44333	C	1,152,540	8,825	11,246,993
338		Healthspan Integrated Care	Pharmacy, Akron, OH, 44333	R	736,906	5,515	11,063,499
342		Giant Eagle Pharmacy #4096	4300 Kent Road, Stow, OH, 44224	C	1,116,287	7,178	9,985,670
346		Discount Drug Mart #45	711 Canton Road, Akron, OH, 44312	C	1,651,751	8,510	9,805,197
350		Wal-Mart Pharmacy 10-1927	8160 Macedonia Commons Blvd, Macedonia, OH, 44056	C	990,387	7,549	9,734,273
354		Healthspan Integrated Care	Pharmacy, Twinsburg, OH, 44087	R	562,685	4,245	9,664,475
358		The Fred W Albrecht Grocery	Dbas Acme Pharmacy #4, Hudson, OH, 44236	R	836,810	5,947	9,594,564
362		The Fred W Albrecht Grocery	Dbas Acme Pharmacy#10, Cuyahoga Falls, OH, 44223	R	877,840	5,407	9,190,293
366		The Fred W Albrecht Grocery	Dbas Acme Pharmacy 1, Akron, OH, 44313	R	1,067,750	8,421	9,042,570
370		Advanced Infusion Service	160 Opportunity Parkway, Akron, OH, 44307	R	NA	2,323	8,855,288
374		Giant Eagle Pharmacy #4025	2775 West Market Street, Fairlawn, OH, 44333	C	1,120,096	6,839	8,226,521
378		Wal-Mart Pharmacy 10-2323	3520 Hudson Drive, Stow, OH, 44224	C	1,117,495	6,174	8,140,965
382		Giant Eagle Pharmacy #4032	1700 Norton Road, Stow, OH, 44224	C	1,054,203	6,556	7,852,960
386		Rite Aid of Ohio, Inc	T/A Rite Aid Discont Phcy 1924, Akron, OH, 44311	C	679,150	5,208	7,645,471
389		Rite Aid of Ohio, Inc T/A	Rite Aid Pharmacy #3957, Akron, OH, 44310	C	611,545	5,596	7,202,684
392		Target Stores A Div. of Target Corp.	Target Store T-2346, Akron, OH, 44312	C	749,352	5,457	7,168,569
396		Discount Drug Mart #64	5863 Darrow Rd, Hudson, OH, 44236	C	562,208	4,332	6,520,192
400		Copley CVS, Inc.	1410 Cleveland-Massillon Rd, Copley, OH, 44321	C	599,405	4,238	6,499,346

## Opioid Shipments to Pharmacies in Summit County, OH

2006 - 2014

Page	DEA Number	Pharmacy	Address	Type <sup>1</sup>	Total Dosage Units	Weight in mg	Total MME
404		Walgreen Co.	755 Howe Ave., Cuyahoga Falls, OH, 44221	C	732,860	5,287	6,465,281
408		Kmart Pharmacy #7383	241 Wooster Road North, Barberton, OH, 44203	R	715,080	4,088	6,326,803
412		Giant Eagle Pharmacy #5861	3750 West Market Street, Fairlawn, OH, 44333	C	886,475	5,181	6,313,363
416		Marc Glassman	Db: Marc'S, Stow, OH, 44224	C	739,895	4,536	6,272,609
420		Wal-Mart Pharmacy 10-1895	3750-I West Market St, Fairlawn, OH, 44333	C	749,565	4,629	5,336,743
424		New Choice Pharmacy	1900 23Rd Street, Cuyahoga Falls, OH, 44223	R	187,255	2,639	5,181,977
427		Childrens Hospital Med Ctr	Pharmacy, Akron, OH, 44302	R	494,700	3,719	4,913,541
431		Ohio CVS Stores, L.L.C.	8059 Darrow Rd., Twinsburg, OH, 44087	C	295,424	2,480	4,819,412
434		Discount Drug Mart #80	3100 Glenwood Blvd, Twinsburg, OH, 44087	C	325,952	2,715	4,723,533
438		Ccf Twinsburg Ambulatory Pharmacy	8701 Darrow Rd, Twinsburg, OH, 44087	R	283,946	2,619	4,014,458
441		Sam's Pharmacy 10-4750	1189 Buchholzer Blvd, Cuyahoga Falls, OH, 44221	C	467,693	2,462	3,675,655
446		Glassman Inc	Db: Marc'S Pharmacy, Sagamore Hills, OH, 44067	C	528,462	3,354	3,421,834
450		Target Stores A Div.Of Target Corp.	Attn: Pharmacy, Fairlawn, OH, 44333	C	330,755	2,718	3,046,121
454		Glassman, Inc	Db: Marc'S Pharmacy, Cuyahoga Falls, OH, 44223	R	339,230	2,620	2,874,119
457		A G M C M O B Pharmacy	224 W. Exchange Street, Akron, OH, 44302	R	67,320	1,870	2,869,321
461		Target Stores A Div.Of Target Corp.	Attn: Pharmacy, Stow, OH, 44224	C	215,930	1,780	2,817,303
465		Target Stores A Div.Of Target Corp.	Attn: Pharmacy, Cuyahoga Falls, OH, 44221	C	325,755	2,179	2,349,111
469		Akron Pharmacy	879 E Exchange St, Akron, OH, 44306	R	175,210	1,488	2,162,236
472		Sam's Pharmacy 10-6404	3750-J West Market St, Fairlawn, OH, 44333	C	308,975	1,756	1,925,489
477		Rite Aid of Ohio Inc	Rite Aid Disc Phcy #3504, Akron, OH, 44307	C	276,335	1,640	1,434,545
480		Ritzman Infusion Services	550 E. Market St., 3Rd Floor, Akron, OH, 44304	R	NA	946	1,427,207
483		Target Stores A Div.Of Target Corp.	Attn: Pharmacy, Northfield, OH, 44067	C	183,459	1,091	1,335,771
487		Genoa Healthcare, LLC	340 South Broadway Street, Akron, OH, 44308	C	75,815	458	1,175,799
491		K Mart Pharmacy #3142	555 South Avenue, Tallmadge, OH, 44278	C	116,620	803	1,006,798
494		Tops Markets, LLC	Db: Tops Pharmacy, Cuyahoga Falls, OH, 44221	C	61,820	509	876,246
497		Beacon Skilled Care Pharmacy	1750 Highland Road Unit 7B, Twinsburg, OH, 44087	R	36,845	258	825,287
500		Tops Markets, LLC	Db: Tops Pharmacy, Tallmadge, OH, 44278	C	42,370	471	689,206
503		Carecenter Pharmacy, L.L.C.	106 South Main Street, Akron, OH, 44308	C	85,390	562	655,663
507		Pharmacy Operations Inc	D/B/A The Medicine Shoppe#0790, Akron, OH, 44312	R	22,885	357	560,164
510		Tops Markets, LLC	Db: Tops Pharmacy, Akron, OH, 44319	C	33,510	378	504,156
513		Express Med Pharmaceuticals, Inc	191 South Main Street, Akron, OH, 44308	R	67,645	526	465,785
516		Tops Markets, LLC	Db: Tops Pharmacy, Macedonia, OH, 44056	C	30,780	239	455,845
519		Northcoast Infusion Therapies	Ltd, Tallmadge, OH, 44278	R	NA	266	423,837

## Opioid Shipments to Pharmacies in Summit County, OH

2006 - 2014

Page	DEA Number	Pharmacy	Address	Type <sup>1</sup>	Total Dosage Units	Weight in mg	Total MME
522	██████	The Fred W Albrecht Grocery, C	Db: Acme Pharmacy #90, Akron, OH, 44320	R	35,310	177	185,506
525	██████	Bek Services, LLC	150 Cross Street, Akron, OH, 44311	R	43,600	184	173,696
528	██████	Tops Markets, LLC	Db: Tops Pharmacy, Fairlawn, OH, 44333	C	18,600	110	109,598
531	██████	Tops Markets, LLC	Db: Tops Pharmacy, Stow, OH, 44224	C	15,200	83	74,327
534	██████	Omnicare of Akron	3509 Embassy Parkway, Akron, OH, 44333	R	18,010	103	64,447
538	██████	Pharmacare Compounding Phar	232 West Avenue, Tallmadge, OH, 44278	R	NA	16	28,242
541	██████	Lally Health Mart	23 Erie Rd, Tallmadge, OH, 44278	R	4,010	19	27,462
544	██████	Zellmed Solutions, Inc	3509 Embassy Parkway, Akron, OH, 44333	R	720	8	23,857
547	██████	Pharmacare Compounding Pharmacy	232 West Ave, Tallmadge, OH, 44278	R	NA	7	6,787
550	██████	Children's Home Care Group	185 W. Cedar St., Akron, OH, 44307	R	NA	2	4,449

Note

1. "R" denotes "Retail Pharmacy", and "C" denotes "Chain Pharmacy".

## Opioid Total MME by Company in Cuyahoga County, OH

		County Population	1,312,816	1,301,540	1,291,479	1,285,082	1,278,200	1,270,461	1,266,210	1,264,622	1,262,459
		Total MME	514,672,000	567,224,195	595,633,999	664,429,159	700,133,566	715,923,558	663,462,852	622,682,981	579,123,262
Company Name	Market Share	MME	2006	2007	2008	2009	2010	2011	2012	2013	2014
Cardinal Health	31.52%	1,772,506,417	211,558,384	226,171,859	231,753,919	252,864,538	203,528,654	192,162,304	166,465,391	164,037,825	123,963,544
AmerisourceBergen Drug	25.73%	1,446,867,175	74,341,574	89,417,108	93,430,832	112,487,542	183,416,748	195,494,791	182,084,787	244,368,414	271,825,378
Walgreen Co	16.01%	900,461,722	102,739,278	113,357,810	124,504,422	127,680,333	137,345,884	138,289,923	120,879,178	31,829,812	3,835,083
McKesson Corporation	15.27%	858,579,288	73,359,398	82,283,818	88,902,749	96,054,683	97,001,677	109,572,526	106,064,746	101,596,188	103,743,504
CVS	3.08%	173,363,979	15,250,631	18,711,487	19,561,480	20,950,439	20,865,975	22,003,043	21,976,135	20,512,535	13,532,253
Wal-Mart	1.28%	71,789,966	5,679,486	6,629,013	7,694,051	9,375,676	9,376,092	9,054,796	8,616,136	5,855,346	9,509,370
H. D. Smith	1.18%	66,166,989	89,745	117,604	243,688	4,871,771	14,211,080	9,852,110	14,279,640	11,165,625	11,335,725
Prescription Supply Inc	1.04%	58,441,306	13,734,295	11,283,779	10,684,735	11,633,735	1,510,935	2,535,165	2,751,589	1,931,653	2,375,420
Anda, Inc	0.89%	50,178,701	1,746,390	1,562,323	2,505,022	2,933,492	1,145,317	2,429,220	3,700,976	14,418,791	19,737,170
Discount Drug Mart	0.83%	46,893,714	4,264,887	4,919,559	4,964,080	5,606,245	5,607,325	5,580,369	5,472,090	5,306,869	5,172,289
Rite Aid	0.75%	42,375,835	6,876,206	8,220,480	7,830,624	5,406,939	4,953,934	2,931,133	2,442,396	2,393,685	1,320,437
HBC Service Company	0.75%	42,100,926	0	0	0	1,333,997	8,305,011	9,733,591	9,062,796	8,198,571	5,466,961
Eckerd Corporation	0.37%	20,985,763	0	0	0	2,196,444	2,757,281	4,621,879	4,601,969	4,392,040	2,416,150
KeySource Medical	0.25%	14,107,055	26,018	500,462	112,977	6,366,092	4,988,634	2,112,872	0	0	0
West-Ward Pharmaceutical Corp.	0.22%	12,310,225	0	0	0	0	0	3,145,250	8,200,802	944,621	19,552
Fagron Inc	0.17%	9,780,294	926,196	1,861,160	1,840,476	2,120,858	1,713,233	699,334	291,484	207,063	120,490
Hospira Worldwide LLC	0.12%	6,591,230	0	0	40,304	187,257	574,736	1,496,509	3,494,472	796,073	1,880
The Harvard Drug Group	0.06%	3,528,616	449,104	515,470	463,131	514,809	69,157	1,424,120	65,233	24,565	3,027
River City Pharma	0.05%	2,919,369	3,315	0	9,512	465,789	552,747	1,346,558	487,484	21,686	32,278
Henry Schein Inc	0.04%	2,093,698	159,333	144,199	135,264	107,329	144,866	279,383	335,320	233,058	554,945
Akorn, Inc.	0.04%	2,038,285	0	0	0	0	0	0	294,910	1,743,375	0
Smith Drug Company	0.03%	1,487,869	0	11,211	49,380	130,810	222,911	281,785	303,539	280,064	208,170
Amneal Pharmaceuticals LLC	0.02%	1,325,826	0	0	0	0	0	0	0	0	1,325,826
Safecor Health, LLC	0.02%	1,271,296	0	0	0	0	940	8,313	99,105	954,742	208,196
PSS World Medical Inc	0.02%	1,192,883	272,869	155,286	182,675	177,526	166,566	165,631	72,331	0	0
MWI Veterinary Supply	0.02%	1,111,976	0	303	1,438	5,089	38,094	103,960	149,815	137,021	676,257
American Sales Company	0.02%	1,077,349	1,077,349	0	0	0	0	0	0	0	0
Fisher Clinical Services Inc	0.02%	1,037,766	508,472	406,249	1,076	0	0	0	114,707	7,262	0
Baxter Healthcare Corp	0.02%	884,536	0	0	0	4,136	880,400	0	0	0	0
Value Drug Co	0.01%	807,273	0	0	0	0	0	0	0	0	807,273
Miami-Luken	0.01%	698,012	688,931	8,022	605	454	0	0	0	0	0
Dispensing Solutions	0.01%	627,327	0	0	0	73,819	121,720	178,985	153,224	99,579	0
Priority Healthcare	0.01%	589,832	82,314	49,854	56,395	70,750	66,897	58,183	74,062	61,760	69,617
Quest Pharmaceuticals Inc	0.01%	561,456	0	0	23,059	113,867	58,287	47,675	295,377	23,191	0
ACE Surgical Supply Co Inc	0.01%	468,215	77,500	75,500	78,700	74,575	76,706	67,876	11,043	240	6,075
Patterson Logistics Services	0.01%	401,155	0	0	0	0	3,951	10,865	13,497	137,010	235,833
Professional Vet Products	0.01%	394,428	41,880	84,063	102,853	110,434	55,197	0	0	0	0
Pharmacy Service Ctr Distr	0.01%	354,958	71,915	70,308	94,827	65,651	44,099	8,158	0	0	0
Almac Clinical Services, Inc.	0.01%	325,967	0	0	0	0	0	0	217,312	108,656	0
Darby Dental Supply, LLC	0.01%	322,080	220,726	27,575	40,893	14,530	7,265	5,585	908	2,724	1,874



## Opioid Total MME by Company in Summit County, OH

County Population		544,660	544,275	543,116	542,135	541,648	541,293	540,716	541,601	542,095	
Total MME		367,366,660	400,893,335	382,352,016	419,131,994	472,731,914	474,030,643	447,468,100	420,702,314	367,150,422	
Company Name	Market Share	MME	2006	2007	2008	2009	2010	2011	2012	2013	2014
Cardinal Health	29.17%	1,094,306,610	109,945,174	120,729,880	134,595,363	166,421,419	142,185,012	109,793,985	98,636,285	102,858,116	109,141,375
AmerisourceBergen Drug	26.01%	975,859,370	104,837,042	112,001,944	73,707,661	59,918,202	125,431,261	147,929,274	145,576,933	124,639,357	81,817,697
McKesson Corporation	25.18%	944,639,007	64,615,079	75,326,267	92,025,606	100,767,249	99,622,867	112,858,772	109,216,034	144,592,405	145,614,728
Walgreen Co	10.77%	404,162,318	42,298,424	48,542,791	53,098,944	58,638,984	65,393,996	62,985,269	55,986,121	15,239,799	1,977,989
CVS	2.44%	91,634,443	7,735,298	9,648,482	9,957,458	11,317,292	11,277,436	12,074,340	11,639,009	10,619,296	7,365,832
Anda, Inc	1.27%	47,823,397	23,113,707	18,494,173	199,496	1,068,668	785,565	1,485,215	1,991,707	522,250	162,617
Miami-Luken	1.24%	46,541,721	2,874,541	2,981,400	4,170,946	5,686,830	7,165,433	6,459,756	6,137,244	5,441,691	5,623,880
Wal-Mart	1.12%	42,168,558	4,581,255	5,419,610	5,299,513	5,653,210	5,248,139	4,793,747	3,654,359	2,923,520	4,595,205
HBC Service Company	0.91%	34,241,388	0	0	0	985,080	6,273,857	7,638,028	7,568,525	6,949,840	4,826,058
Rite Aid	0.85%	32,036,395	4,786,038	5,616,594	5,748,119	3,409,806	93,330	3,800,833	3,548,284	3,274,880	1,758,510
Discount Drug Mart	0.33%	12,518,489	1,111,471	1,324,559	1,375,870	1,541,632	1,525,410	1,470,976	1,362,368	1,337,945	1,468,258
Eckerd Corporation	0.24%	9,021,990	0	0	0	1,563,573	4,772,779	805,493	672,011	588,840	619,295
KeySource Medical	0.08%	2,947,595	0	0	547,041	470,315	1,447,043	483,197	0	0	0
Amatheon Inc	0.07%	2,568,047	0	0	66,300	238,567	500,046	343,489	396,010	432,942	590,694
Auburn Pharmaceutical	0.04%	1,565,315	220,971	7,856	538,832	114,370	110,217	133,590	98,553	191,395	149,531
PSS World Medical Inc	0.03%	1,265,285	409,567	168,590	164,902	226,520	117,775	118,928	59,004	0	0
Henry Schein Inc	0.03%	1,256,372	76,936	83,178	68,980	51,467	85,483	66,428	90,974	102,214	630,712
Almac Clinical Services, Inc.	0.02%	761,726	112,320	0	0	0	64,838	173,100	293,332	90,972	27,164
The Harvard Drug Group	0.02%	710,056	605	104,511	238,548	304,484	23,232	15,845	15,438	605	6,787
H. D. Smith	0.01%	468,812	0	0	0	0	90,237	178,876	196,672	0	3,027
River City Pharma	0.01%	461,355	0	3,784	0	85,505	3,930	27,092	24,216	200,115	116,714
MWI Veterinary Supply	0.01%	443,562	4,238	3,330	2,292	1,800	43,133	133,576	87,509	81,618	86,066
Southern Anesthesia & Surgical, Inc.	0.01%	380,191	0	0	0	0	0	0	39,219	171,751	169,221
Priority Healthcare	0.01%	366,734	24,269	25,048	37,354	77,589	49,314	50,571	36,185	32,168	34,237
American Sales Company	0.01%	365,639	365,639	0	0	0	0	0	0	0	0
Butler Animal Health Supply	0.01%	358,824	22,137	22,083	35,832	234,314	44,458	0	0	0	0
Rochester Drug Co-Operative Inc	0.01%	269,151	1,788	22,694	152,611	82,070	2,421	7,568	0	0	0
Prescription Supply Inc	0.01%	264,716	2,252	143	0	63,907	42,696	1,278	27,038	120,691	6,711
PD-Rx Pharmaceuticals Inc	0.01%	246,467	40,955	73,996	102,040	28,454	0	0	0	1,022	0
Fisher Clinical Services Inc	0.01%	210,147	95,668	3,972	0	13,642	0	96,864	0	0	0
Patterson Logistics Services	0.00%	170,924	0	0	0	0	22,340	32,349	20,618	74,733	20,885
Expert-Med	0.00%	158,300	1,949	156,350	0	0	0	0	0	0	0
JOM Pharmaceutical Services, Inc.	0.00%	156,862	0	0	0	0	156,862	0	0	0	0
Midwest Veterinary Supply Inc	0.00%	155,446	303	605	286	0	0	0	303	50,876	103,073
Associated Pharmacies Inc	0.00%	140,530	0	0	0	0	0	0	143	75,783	64,604
Pharmacy Service Ctr Distr	0.00%	138,773	14,712	11,622	8,703	5,946	24,471	26,733	21,890	16,296	8,400
Independent Pharmacy Cooperative	0.00%	133,075	0	0	0	0	0	0	0	0	133,075
Fagron Inc	0.00%	117,493	0	0	60,540	56,400	0	553	0	0	0
Watson Pharma Inc	0.00%	90,000	0	0	90,000	0	0	0	0	0	0
Medisca Inc.	0.00%	76,730	0	15,135	0	0	15,135	0	0	39,673	6,787
DRx Pharmaceutical Consultants, Inc.	0.00%	60,199	34,045	15,007	9,548	1,598	0	0	0	0	0
Smith Medical Partners LLC	0.00%	53,196	0	0	0	0	53,196	0	0	0	0
Darby Dental Supply, LLC	0.00%	52,034	7,357	6,811	3,632	9,081	6,659	6,054	4,238	4,843	3,359